District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV

State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505																
Release Notification and Corrective Action																
						OPERA	ΓOR	☐ Initia	l Report		Final Report					
Name of Co	ompany En	ervest Opera	ating			Contact Michael Dame										
		gton Ave B		, Suite #1		Telephone No. 505-325-0318										
		a 35 A Gas				Facility Typ										
Surface Ow	ner Jicaril	la Tribe		Mineral ()wner	Jicarilla Trib	be	API No.	PI No. 30-039-22173							
				LOCA	ATIO	ON OF RELEASE										
Unit Letter J	Section 11	Township 24N	Range 5W	Feet from the		h/South Line	ı									
		La	titude	N. 36.323762_	L	ongitude	W -107.3279	971								
NATURE OF RELEASE																
Type of Rele						Volume of	Release None		ecovered n							
Source of Re							Hour of Occurrence	e Date and I	Hour of Disc	covery						
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required							Whom?									
By Whom?							Iour									
Was a Watercourse Reached? ☐ Yes ☒ No							olume Impacting t	he Watercourse.								
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.'	k												
		em and Reme														
				le was collect fro	m the e	excavation and	submitted analysi	is, the results are be	elow:							
		EPA Method PA Method 80							NMOC	D						
GRO/DRO -	38.6 mg/kg	g (EPA 8015)			v				1110.00							
		arbons – 140 i ng/kg (EPA l		PA Method 418.1 (0.0))			MAR 2 6 2018								
				*		DISTRICT III										
								ninated soil to T-N-								
								soil, Hobson Sando Hobson Sandoval re								
location, Ene	ervest Opera	iting re-contou	ired locati	on, put productio	n tank	on a liner and	gravel and built ne	ew fire walls and co								
equipment. H	Iobson Sand	doval was pres	sent during	g entire operation	, sampl	ling, and closir	g of location.									
I hereby certi	ify that the i	information gi	ven above	is true and comp	lete to	the best of my	knowledge and u	nderstand that purs	uant to NMO	OCD rt	ales and					
								tive actions for rele								
								eport" does not relie eat to ground water								
								responsibility for co								
federal, state,	, or local lav	ws and/or regu	lations.													
	a. 1.		6)			OIL CONSERVATION DIVISION										
Signature:	Mus	recel	Nan	ne			HCCept.	ed tor	Record	· 0	pendoR					
						Accepted for Record Operation Approved by Environmental Specialist: Indicates 5EPO A										
Printed Name	e: Michael	Dame				Closure					theray					
Title: HSE S	pecialist					Approval Da	te:	Expiration I	Expiration Date:							
E-mail Addre	ess: mdame	a enervest.ne	t		Conditions of Approval:											
Date: 3/20)/2018	Phone: 50	05-325-03	18												

* Attach Additional Sheets If Necessary

#NCS1426651825

(16)

Smith, Cory, EMNRD

From: Perrin, Charlie, EMNRD

Sent: Monday, April 9, 2018 1:49 PM

To: Smith, Cory, EMNRD

Subject: FW: OCD request of more soil samples from Jicarilla Apache 125 #1 and Jicarilla Apache

Gascom 35A1E

From: Powell, Brandon, EMNRD Sent: Monday, April 9, 2018 1:26 PM

To: Perrin, Charlie, EMNRD <charlie.perrin@state.nm.us>

Subject: Fwd: OCD request of more soil samples from Jicarilla Apache 125 #1 and Jicarilla Apache Gascom 35A1E

Fyi

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message ------

From: Hobson Sandoval < hsandoval 99@yahoo.com >

Date: 4/9/18 10:41 AM (GMT-07:00)

To: "Smith, Corey, DGF" < Corey.Smith@state.nm.us >, "Powell, Brandon, EMNRD" < Brandon.Powell@state.nm.us >, Michael Dame < mdame@enervest.net >, Jeff Cross < icross@enervest.net >, Tecube Cordell < cltecube@yahoo.com > Subject: OCD request of more soil samples from Jicarilla Apache 125 #1 and Jicarilla Apache Gascom 35A1E

I met with Michael Dame of Enervest recently; he informed me that Corey Smith of OCD was demanding more soil samples from these two sites.

JICARILLA APACHE 125 #1

Several years ago, I had the opportunity to witness the clean up of Jicarilla Apache 125 #1, where an oil line had ruptured down a cliff in the Vicenti Mesa Area, west of J-19. The clean up was a difficult one because it was steep and hard to access. Approximately 1000 yards of contaminated soil were removed and hauled to TNT. The ruptured line was removed and replaced with a new line.. The labs for TPH and BTEX and Chlorides were taken and all were non detect. I was satisfied with the clean up and gave EPO approval for the closure.

JICARILLA APACHE GASCOM 35 A1E

I was also at the clean up and closure of Jicarilla Apache Gascom 35 A1E. The contaminated soil was removed and hauled to TNT. The lab for TPH, BTEX and Chlorides were within OCD closure standards. I was satisfied with the clean up and lab results. Therefore, I approved Enervest's request to back fill this site. The clean up was finished on May 5, 2016. It has been two years since this site was successfully remediated.

i was at the site physically and witnessed the clean up and closure with Jeff Cross and Michael Dame of Enervest and the contractor. The request is rather unusual and is superfluous because for all intent and purpose these two sites were successfully remediated.

Smith, Cory, EMNRD

From:

Smith, Cory, EMNRD

Sent:

Tuesday, March 27, 2018 10:30 AM

To:

'mdame@enervest.net'

Cc:

Fields, Vanessa, EMNRD; Powell, Brandon, EMNRD

Subject:

Jicarilla 35 A Gas Com #1E

Tracking:

Recipient

Read

'mdame@enervest.net'

Fields, Vanessa, EMNRD

Read: 3/27/2018 11:04 AM

Powell, Brandon, EMNRD

Michael,

Reviewing the final C-141 received on March 26, 2018 there is no documentation regarding the size or sampling locations for the remediation.

Please submit to the OCD a scaled site diagram that includes excavation dimensions and sampling locations. If possible site photography of remediation project would also be beneficial for closure.

If you can get these to me relativity quick I can add them to your current C-141. If not EnerVest will need to submit a complete new C-141 final pack with all the necessary attachments.

Thanks,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us



Analytical Report

Report Summary

Client: Enervest Operating

Chain Of Custody Number: 16834

Samples Received: 10/2/2014 2:08:00PM

Job Number: 05123-0002

Work Order: P410009

Project Name/Location: Jicarilla Gas Com 35 A

1E

Entire Report Reviewed By:

Tim Cain, Laboratory Manager

10/9/14 Date:

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Project Name:

Jicarilla Gas Com 35 A 1E

2700 Farmington Ave. Farmington NM, 87401

Project Number: Project Manager: 05123-0002 W Gardner

Reported: 09-Oct-14 16:03

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Jicarilla Gas Com 35 A #1E	P410009-01A	Soil	10/02/14	10/02/14	Glass Jar, 4 oz.



Project Name:

Jicarilla Gas Com 35 A 1E

2700 Farmington Ave. Farmington NM, 87401 Project Number:

05123-0002 W Gardner Reported:

Project Manager:

09-Oct-14 16:03

Jicarilla Gas Com 35 A #1E P410009-01 (Solid)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		104 %	50-	-150	1441002	10/06/14	10/08/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.99	mg/kg	1	1441002	10/06/14	10/08/14	EPA 8015D	
Diesel Range Organics (C10-C28)	38.6	30.0	mg/kg	1	1440033	10/03/14	10/06/14	EPA 8015D	
Surrogate: o-Terphenyl		105 %	50-	-200	1440033	10/03/14	10/06/14	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		93.9 %	50-	-150	1441002	10/06/14	10/08/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	140	34.9	mg/kg	1	1441018	10/07/14	10/07/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	ND	9.88	mg/kg	1	1440035	10/03/14	10/03/14	EPA 300.0	



Analyte

p,m-Xylene

o-Xylene

Project Name:

Jicarilla Gas Com 35 A 1E

2700 Farmington Ave. Farmington NM, 87401

Project Number: Project Manager:

Reporting

Limit

Result

41.1

20.4

0.422

05123-0002 W Gardner

Spike

Level

Source

Result

%REC

Reported: 09-Oct-14 16:03

RPD

Limit

Notes

%REC

Limits

RPD

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Units

Blank (1441002-BLK1)				Prepared &	Analyzed:	06-Oct-14				
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	311							
Ethylbenzene	ND	0.10								
o,m-Xylene	ND	0.20								
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.408		"	0.399		102	50-150			
LCS (1441002-BS1)				Prepared &	Analyzed:	06-Oct-14				
Benzene	19.7	0.10	mg/kg	20.0		98.8	75-125			
Γoluene	19.8	0.10	"	20.0		99.2	70-125			
Ethylbenzene	19.8	0.10	÷	20.0		99.0	75-125			
p,m-Xylene	39.9	0.20	"	40.0		99.8	80-125			
o-Xylene	19.7	0.10	"	20.0		98.6	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.415		"	0.400		104	50-150			
Matrix Spike (1441002-MS1)	Sourc	e: P410016-	01	Prepared &	Analyzed:	06-Oct-14				
Benzene	20.3	0.10	mg/kg	20.0	ND	102	75-125			
Toluene	20.4	0.10	0.	20.0	ND	102	70-125			
Ethylbenzene	20.3	0.10	"	20.0	ND	102	75-125			
p,m-Xylene	41.0	0.20	11	40.0	ND	103	80-125			
o-Xylene	20.4	0.10	Tr.	20.0	ND	102	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.431		"	0.400		108	50-150			
Matrix Spike Dup (1441002-MSD1)	Sourc	e: P410016-	01	Prepared &	Analyzed:	06-Oct-14				
Benzene	20.2	0.10	mg/kg	20.0	ND	101	75-125	0.362	15	
Toluene	20.3	0.10	11	20.0	ND	102	70-125	0.262	15	
Ethylbenzene	20.3	0.10	11	20.0	ND	102	75-125	0.0972	15	

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0.20

0.10

Surrogate: 4-Bromochlorobenzene-PID

40.0

20.0

0.400

ND

ND

103

102

80-125

75-125

50-150

0.130

0.111

15

15



Project Name:

Jicarilla Gas Com 35 A 1E

Spike

2700 Farmington Ave. Farmington NM, 87401 Project Number: Project Manager:

Reporting

05123-0002 W Gardner

Reported: 09-Oct-14 16:03

RPD

%REC

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1440033 - DRO Extraction EPA 35	550M									
Blank (1440033-BLK1)				Prepared &	Analyzed	: 03-Oct-14				
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	37.6		"	40.0		94.1	50-200			
LCS (1440033-BS1)				Prepared &	Analyzed	: 03-Oct-14				
Diesel Range Organics (C10-C28)	458	25.0	mg/kg	500		91.6	38-132			
Surrogate: o-Terphenyl	36.7		"	40.0		91.7	50-200			
Matrix Spike (1440033-MS1)	Sourc	e: P410005-	01	Prepared &	Analyzed	: 03-Oct-14				
Diesel Range Organics (C10-C28)	567	30.0	mg/kg	499	ND	113	38-132			
Surrogate: o-Terphenyl	44.0		"	39.9		110	50-200			
Matrix Spike Dup (1440033-MSD1)	Sourc	e: P410005-	01	Prepared &	Analyzed	: 03-Oct-14				
Diesel Range Organics (C10-C28)	635	29.9	mg/kg	499	ND	127	38-132	11.4	20	
Surrogate: o-Terphenyl	48.5		"	39.9		122	50-200			



Project Name:

Jicarilla Gas Com 35 A 1E

2700 Farmington Ave. Farmington NM, 87401 Project Number: Project Manager: 05123-0002 W Gardner

Reported: 09-Oct-14 16:03

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1441002 - Purge and Trap EPA 5030A										
Blank (1441002-BLK1)				Prepared &	: Analyzed:	06-Oct-14				
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.371		"	0.399		93.0	50-150			
LCS (1441002-BS1)				Prepared &	Analyzed:	06-Oct-14				
Gasoline Range Organics (C6-C10)	280	9.99	mg/kg	292		96.0	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.376		"	0.400		94.2	50-150			
Matrix Spike (1441002-MS1)	Sou	rce: P410016-	01	Prepared &	Analyzed:	06-Oct-14				
Gasoline Range Organics (C6-C10)	291	9.99	mg/kg	292	ND	99.8	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.395		"	0.400		98.9	50-150			
Matrix Spike Dup (1441002-MSD1)	Source: P410016-01		Prepared & Analyzed: 06-Oct-14							
Gasoline Range Organics (C6-C10)	290	9.99	mg/kg	292	ND	99.4	75-125	0.418	15	
Surrogate: 4-Bromochlorobenzene-FID	0.384		"	0.400		96.2	50-150			



Project Name:

Jicarilla Gas Com 35 A 1E

2700 Farmington Ave.

Project Number:

Reporting

05123-0002

Spike

Source

%REC

Reported:

RPD

Farmington NM, 87401 Project Manager:

W Gardner

09-Oct-14 16:03

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Kesuit	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
			Prepared &	: Analyzed:	07-Oct-14				
ND	35.0	mg/kg							
Source	Prepared &	: Analyzed:	07-Oct-14						
ND	34.9	mg/kg		ND				30	
Source	e: P410023-	01	Prepared &	: Analyzed:	07-Oct-14				
	ND Sourc	ND 35.0 Source: P410023-	ND 35.0 mg/kg Source: P410023-01	Prepared & ND 35.0 mg/kg Source: P410023-01 Prepared &	Prepared & Analyzed: ND 35.0 mg/kg Source: P410023-01 Prepared & Analyzed:	Prepared & Analyzed: 07-Oct-14 ND 35.0 mg/kg Source: P410023-01 Prepared & Analyzed: 07-Oct-14	Prepared & Analyzed: 07-Oct-14 ND 35.0 mg/kg Source: P410023-01 Prepared & Analyzed: 07-Oct-14	Prepared & Analyzed: 07-Oct-14 ND 35.0 mg/kg Source: P410023-01 Prepared & Analyzed: 07-Oct-14	Prepared & Analyzed: 07-Oct-14 ND 35.0 mg/kg Source: P410023-01 Prepared & Analyzed: 07-Oct-14



Project Name:

Jicarilla Gas Com 35 A 1E

2700 Farmington Ave. Farmington NM, 87401 Project Number:

05123-0002

Reported: 09-Oct-14 16:03

Project Manager:

W Gardner

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Clits	Level	Result	70KLC	Limits	KI D	Limit	Notes
Batch 1440035 - Anion Extraction EPA 300.0										
Blank (1440035-BLK1)				Prepared &	Analyzed:	03-Oct-14				
Chloride	ND	9.84	mg/kg							
LCS (1440035-BS1)				Prepared &	: Analyzed:	03-Oct-14				
Chloride	465	9.88	mg/kg	494		94.2	90-110			
Matrix Spike (1440035-MS1)	Sour	rce: P410006-	01	Prepared &	Analyzed:	03-Oct-14				
Chloride	484	9.97	mg/kg	499	16.5	93.8	80-120			
Matrix Spike Dup (1440035-MSD1)	Source: P410006-01			Prepared & Analyzed: 03-Oct-14						
Chloride	486	9.99	mg/kg	500	16.5	94.0	80-120	0.405	20	



Project Name:

Jicarilla Gas Com 35 A 1E

2700 Farmington Ave. Farmington NM, 87401

Project Number: Project Manager: 05123-0002 W Gardner

Reported: 09-Oct-14 16:03

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

CHAIN OF CUSTODY RECORD

16834

Client: Project Name / Le Ener/15+ Operating Project Name / Le Sicarille Email results to: malant Ocnevestinet Sampler Name:			oject Name / Location	on: 3	5 A.	#1	E	ANALYSIS / PARAMETERS															
Email results to: mdam (@ wgardner @ Client Phone No.: 505-21	enevvest denevest	net se	ampler Name:	hael Da	m	e		8015)	20001	1 000 1	8260)	S				-							
Client Phone No.: 565-11	5-787	q CI	Sampler Name: Michael Dame Client No.: 05123-0002					TPH (Mothod 8015)	NA Othor	DIEA (WEINDA OUZI)	VOC (Method 8250)	RCRA 8 Metals	Cation / Anion		TCLP with H/P	CO Table 910-1	118.1)	RIDE				Sample Cool	Sample Intact
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	HN	Pres	ervative HCI	TPH (A	> LI TO	DIEA	VOC (HCRA	Cation	RCI	TCLP	CO Tal	TPH (418.1)	CHLORIDE				,	
Jicavilla 60560M 35 A #IE	192	11:00am	P410009-01					V	/ V	/	V						V	V					√
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Relinquished by: (Signature)				Date Time	Rec	Deive	ed by:	(Sign	ature	32									1	1	Date 2/14	Tir 14	
Relinquished by: (Signature)					Red	ceive	ed by:	(6ign	ature	5													
Sample Matrix Soil ☑ Solid □ Sludge □	Aqueous [] Other □]																				
☐ Sample(s) dropped off after	hours to se	cure drop o	off area.	env	/ir	Ocal	te	Corate	h	113	8												
5795 US Highway 6	4 • Farmingt	on, NM 874	01 • 505-632-0615 • T	hree Springs • 65	Merc	ado	Street	t, Suite	115,	Dur	rang	jo, C	O 81	301 •	labo	rator	y@en	virote	ech-in	c.cor	n		

MUDWIST STEEL D

JICARILLA GAS COM 35 A E001
API# 3003922173
FEDERAL LEASE# NMNM075898
NW/4 SE/4 (J) S.11-T24N-R5W
Rio Arriba County (ELEV. 6,634)
ENERVEST OPERATING, LLC \ COMPANY
LAT 36.32348 LONG 107.32818

OLEUM O UDE OIL

VAPORS MA ONTAIN SEN SULFIDE S)

HANDLING

WEAR PROTECTIVE CLOTHING AND GLOVES IF PROLONGED OR REPEATED CONTACT IS LIKELY. USE WITH ADEQUATE VENTILATION. IF OPERATING CONDITIONS CAUSE HIGH VAPOR CONCENTRATIONS OR TLY (10PPM) IS EXCEEDED. USE SUPPLIED AIR RESPIRATOR APPROVED BY NIOSHIMBHA.

FOR EYES: IN CASE OF CONTACT, FLUSH EYES WITH PLENTY OF WATER.

FOR SKIN: IN CASE OF CONTACT, WASH EXPOSED SKIN WITH SOAP

4 HYDROGEN SULFIDE

DANGER FLAMMABLE

VAPOR HARMFUL OR FATAL
VAPOR CAN BE IRRITATING TO EYES

HANDLIN

USE WITH ADEQUATE VENTILATION OR USE AIR-APPROVED BY MSHAINIOSH IF VENTILATION IS IN WEAR CHEMICAL GOGGLES.

FOR EYES: IN CASE OF CONTACT, FLUSH EYES FOR AT LEAST 15 MINUTES. GET MEDICAL ATTE PERSISTS.

FOR INHALATION: IF WORKER IS OVERCOM

